

## Contents

(Abstracted/indexed in: Chemical Abstracts; Current Contents: Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

### VOLUME 46 (1990)

Structure and kinetics of aggregating colloidal haematite R. Amal (Kensington, Australia), J.R. Coury (Sao Carlos, Brazil), J.A. Raper, W.P. Walsh (Kensington, Australia) and T.D. Waite (Menai, Australia).....	1
Micro-visualization of foam interactions with a crude oil L.L. Schramm and J.J. Novosad (Calgary, Canada) .....	21
Photon correlation spectroscopy applied to hydrometallurgical solvent extraction systems R.D. Neuman, M.A. Jones and N.-F. Zhou (Auburn, AL, U.S.A.) .....	45
Preparation of uniform colloidal metallic ruthenium and its compounds F. Porta, W.P. Hsu and E. Matijević (Potsdam, NY, U.S.A.) .....	63
Adsorption kinetics of surfactants at fluid interfaces. Experimental conditions and practice of application of theoretical models R. Miller (Berlin, G.D.R.) .....	75
Mixed monolayers of phosphatidylinositol and dipalmitoylphosphatidylcholine and their interaction with liposomes J. Cordoba, S.M. Jackson and M.N. Jones (Manchester, United kingdom) .....	85
<i>Book Review</i> .....	95
<i>Announcements</i> .....	97
Determination of the spreading coefficient of one liquid on another by means of interferometric measurements of liquid-lens thickness K.-I. Endoh, A. Mikami and Y.H. Mori (Yokohama, Japan) .....	99
The van der Waals interaction between a colloid and its host pore K.D. Papadopoulos and C.-C. Kuo (New Orleans, LA, U.S.A.) .....	115
Water-in-crude oil emulsions from the Norwegian continental shelf. Part III. A comparative destabilization of model systems J. Sjöblom, L. Mingyuan, H. Hötland (Bergen, Norway) and E.J. Johansen (Stavanger, Norway) .....	127
The conformations of proteins on solid/water interfaces—caseins and phosvitin on polystyrene lattices D.G. Dalgleish (Ayr, United Kingdom) .....	141
Effects of polyelectrolytes on flow-induced deposition of titanium dioxide particles onto a cellophane surface M.Y. Boluk and T.G.M. van de Ven (Montreal, Canada) .....	157
Electroacoustic method for monitoring the coalescence of water-in-oil emulsions E.E. Isaacs, H. Huang, A.J. Babchin and R.S. Chow (Edmonton, Canada) .....	177
Microemulsions: the duplex film approach to their formation D.L. Chang (Stamford, CT, U.S.A.), J.L. Cavallo (Tarrytown, NY, U.S.A.) and H.L. Rosano (New York, NY, U.S.A.) .....	193
Adsorption characteristics of silica-containing mixed-oxide gels for amino acids in aqueous solutions S. Kaneko, M. Mikawa (Hamamatsu, Japan) and S.-I. Yamagiwa (Tokyo, Japan) .....	203

Supra-self assembly: vesicle-micelle equilibrium E.Z. Radlinska, B.W. Ninham (Canberra, Australia), J.-P. Dalbiez and T.N. Zemb (Gif-sur-Yvette, France) .....	213
Effect of surfactant on the dispersion of alumina in water-alcohol mixtures K. Esumi, M. Ikemoto and K. Meguro (Tokyo, Japan) .....	231
Equilibrium studies for the sorption of $\text{Cu}^{2+}$ on lanthanum diethanolamine-a chelating material J.P. Rawat, A. Ahmad and A. Agrawal (Aligarh, India) .....	239
Flotation response prediction from interfacial properties B.E. Novich (Milford, MA, U.S.A.) .....	255
Vapour pressure over free and capillary-condensed curved surfaces of aqueous salt solutions and of non-electrolyte solutions E.A. Boucher (Brighton, United Kingdom) .....	271
Sorption of alkaline-earth cations on amorphous zirconium oxide J.B. Stanković, S.K. Milonjić, M.M. Kopećni and T.S. Čeranić (Belgrade, Yugoslavia) ....	283
Adsorption on $\gamma$ -aluminium oxide from a multicomponent aqueous solution. Effect of co-solvent, concentration, temperature, pH and substrate surface porosity M. Tunius and R. Sköld (Gothenburg, Sweden) .....	297
Determination of cation exchange capacity of clay minerals by potentiometric titration using divalent cation electrodes Y.C. Chiu, L.N. Huang, C.M. Uang and J.F. Huang (Chung-Li, Taiwan) .....	327
Reverse hemimicelle formation of 1-decanol from heptane at the solution/graphite interface B.-Y. Zhu and T. Gu (Beijing, China) .....	339
<i>Announcements</i> .....	347
<i>Author Index</i> .....	348
<i>Subject Index</i> .....	349
<i>Contents (Vol. 46)</i> .....	351

